

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 04129668
PUBLICATION DATE : 30-04-92

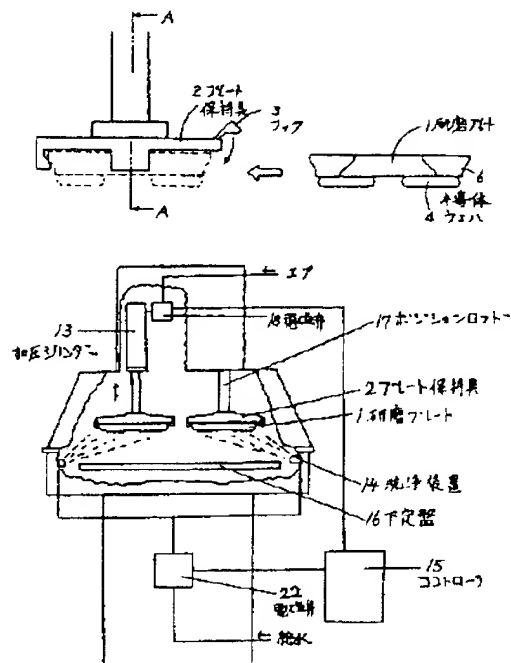
APPLICATION DATE : 18-09-90
APPLICATION NUMBER : 02246313

APPLICANT : ASAHI GLASS CO LTD;

INVENTOR : MATSUMOTO KATSUHIRO;

INT.CL. : B24B 37/04

TITLE : DEVICE AND METHOD FOR
POLISHING



ABSTRACT : PURPOSE: To estrange plural polishing plates from an abrasive cloth simultaneously in a short time at a desired time by holding the polishing plate by a plate holder with a holding part and lifting it by a pressurizing cylinder.

CONSTITUTION: A material 4 to be polished is polished with a polishing plate 1 which is held on the plate holder 2 provided at the tip of a moving means in the vertical direction and which sticks the material to be polished (semiconductor wafer) 4 on the lower face being pressed to the polishing face having the abrasive cloth of a rotating lower surface plate 16. Immediately after completion of this polishing the plate holder 2 is lifted by a pressurizing cylinder 13, the material 4 to be polished is separated to the upper part from the polishing face of the lower surface plate 16, and it is cleaned with a cleaning liquid being injected to the material 4 to be polished by a cleaning device 14 provided at the plate holder 2 lower part. The polishing plate 1 is then removed from the plate holder 2.

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